

THAT WHICH IS CLAIMED IS:

1. Method for processing audio / video data within an audio / video disk drive, the drive being equipped with an electronic chip comprising main processing means capable of decoding data compressed according to a first compression standard and an input / output interface with a maximum predetermined data transfer rate, characterised by the fact that when encountering data compressed according to a second compression standard defining a compressed data rate of less than the maximum transfer rate of the input / output interface and a decoded data rate greater than the said maximum transfer rate, the said compressed data are transferred to auxiliary processing means (MTA) through the input / output interface (EMI), the compressed data are decoded within these auxiliary processing means, the decoded data are then encoded according to the first compression standard, and the data thus encoded are transferred to the main processing means (MTP) that decode them.

2. Method according to claim 1, characterised by the fact that the first compression standard is the MPEG2 standard, and by the fact that the second compression standard is the MPEG4 standard.

3. Method according to claim 2, characterised by the fact that the auxiliary processing means (MTA) only encode "Intra" images.

4. Method according to one of the above claims, characterised by the fact that the input /

output interface is a generic external memory interface (EMI).

5. Audio / video disk drive, comprising a reception means (MR) used to receive a digital audio / video disk, an electronic chip connected to the reception means and comprising main processing means (MTP) capable of decoding data compressed according to a first compression standard, and an input / output interface (EMI) with a maximum predetermined data transfer rate, characterised by the fact that the audio / video disk being capable of containing data compressed according to a second compression standard defining a compressed data rate less than the input / output interface transfer rate and a decoded data rate greater than the said transfer rate, the drive comprises auxiliary processing means (MTA) connected to the input / output interface capable of decoding data compressed according to the second compression standard and encoding of data decoded according to the first transmission standard, and by the fact that the main processing means (MTP) are capable of transferring data compressed according to the second compression standard through the input / output interface, and then decoding the corresponding data encoded according to the first compression standard by the auxiliary processing means and transferred through the input / output interface.

6. Drive according to claim 5, characterised by the fact that the first compression standard is the MPEG2 standard, and by the fact that the second compression standard is the MPEG4 standard.

7. Drive according to claim 6, characterised by the fact that the auxiliary processing means only encode "Intra" images.

8. Drive according to one of claims 5 to 7, characterised by the fact that the input / output interface is a generic external memory interface (EMI).